



# My Bender Build

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## SUMMARY

I have spent 1 year building Bender from scratch. Radio controlled eyes, eye brows, mouth, eyes and antennae light up, fingers move. SCROLL DOWN ON THIS 2 PAGE ENTRY TO SEE DETAILS. My blog: <http://mybenderbuild.wordpress.com/>

### Step 1 — My Bender Build



- Let's get lootin!

## Step 2



- Frame

## Step 3



- Poster board covering - this was covered with fiberglass

## Step 4



- Inserting compartment and much spackle

## Step 5



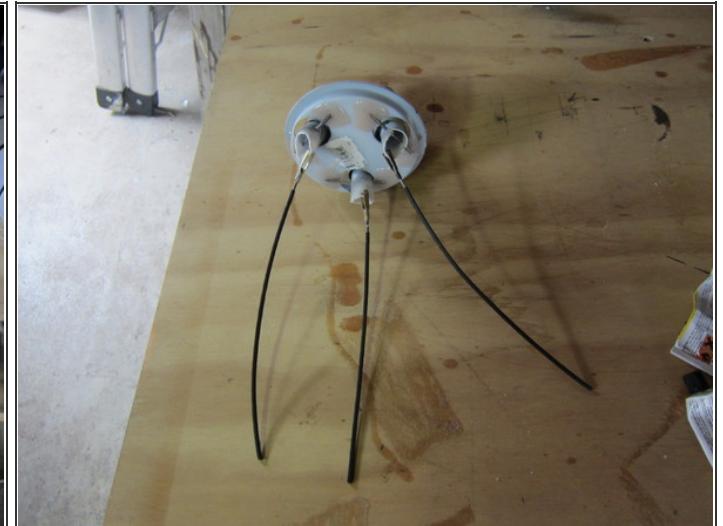
- Making arms and legs

## Step 6



- Making feet

## Step 7



- Making remote controlled fingers

## Step 8



- Hey - gimme that arm!

## Step 9



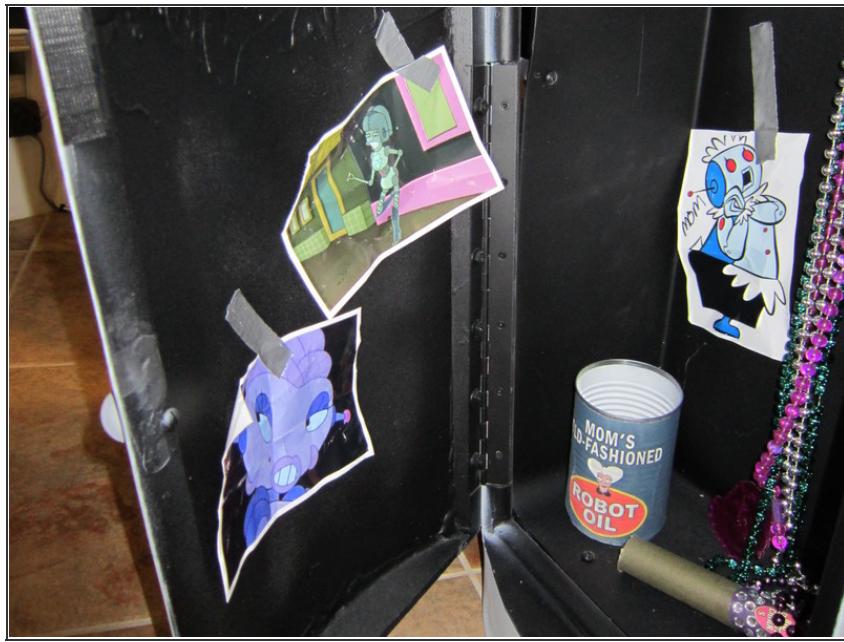
- Animatronics: Separate servos to control the eye and eye brow movement. Three LED light sources for the eyes and the antenna. Examples of "Please don't use that magnet" and "Watch out meatbags"

## Step 10



- Life has been tough...the original finish was too smooth and was not consistent with Bender's life style. So I covered the entire thing with spackle, pitted it with a broom and then flexed the entire construct to create cracks.

## Step 11



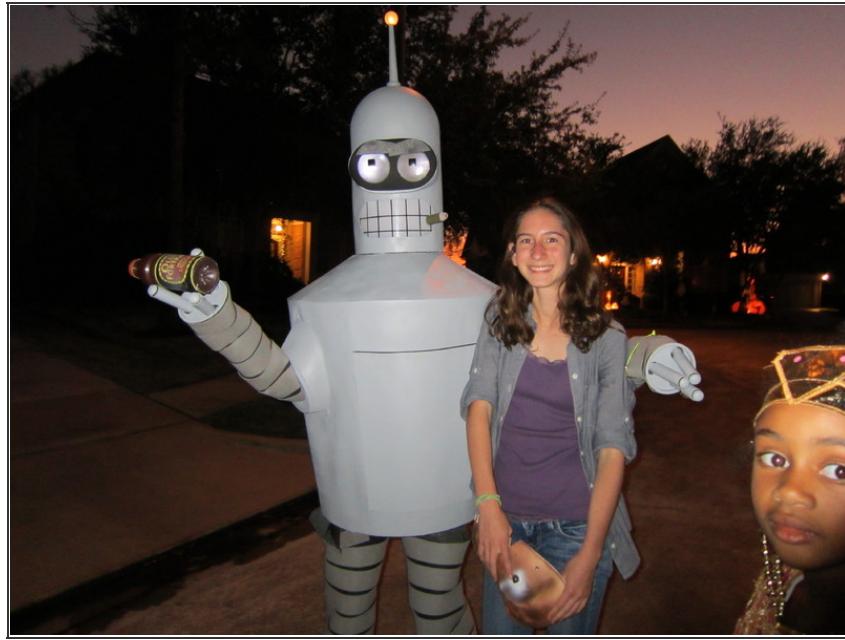
- Assorted swag

## Step 12



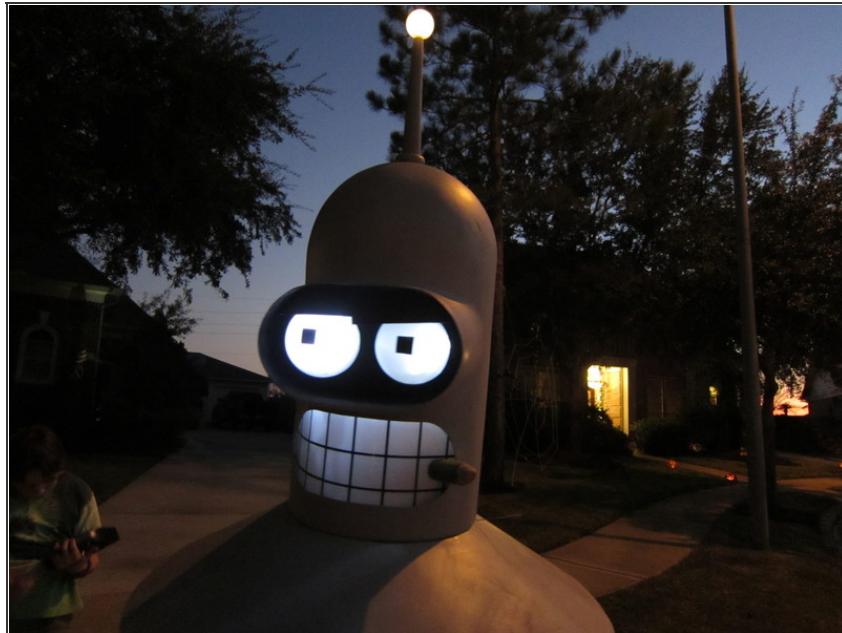
- These boots are made for stompin'

## Step 13



- I've got the perfect girl friend. She's got money...and probably has other qualities.

## Step 14



- Animatronics in action
- <http://www.youtube.com/watch?v=alYKoIXIP...>

Entirely constructed from foam and wood. I have no clue why I did this except it was necessary

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